Table ENG-5. - Sanitary Facilities

City of Richmond, Virginia

The information in this table indicates the dominant soil condition, but does not eliminate the need for onsite investigation. The numbers in the value column range from 0.01 to 1.00. The larger the value, the greater the potential limitation. Limiting features in this report are limited to the top 5 limitations. Additional limitations may exist.

Map Symbol and Soil Name	Pct of	Septic Tank Absorption Fields		Sewage Lagoons	
and con Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
1B:	•				•
Abell	85	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Restricted permeability	0.50	Seepage Slope	1.00 0.68
0.0					
2B: Appling	85	Very limited		Somewhat limited	
Appling	00	Filtering capacity	1.00	Seepage	0.50
		Restricted permeability	0.50	Slope	0.32
3B:					
Appling	85	Very limited		Somewhat limited	
		Filtering capacity	1.00	Seepage	0.50
		Restricted permeability	0.50	Slope	0.32
3C:					
Appling	85	Very limited		Very limited	
		Filtering capacity	1.00	Slope	1.00
		Restricted permeability	0.50	Seepage	0.50
		Slope	0.04		
3D:					
Appling	85	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Filtering capacity Restricted permeability	1.00 0.50	Seepage	0.50
4C:					
Appling	45	Very limited		Very limited	
		Filtering capacity	1.00	Slope	1.00
		Restricted permeability	0.50	Seepage	0.50
		Slope	0.04		
Wedowee	40	Somewhat limited		Very limited	
		Restricted permeability	0.50	Slope Seepage	1.00 0.50
		Slope	0.04		
4D:					





Map Symbol and Soil Name	Pct of	Septic Tank Absorption Fields		Sewage Lagoons	
and Son Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
4D:					
Appling	45	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Filtering capacity	1.00	Seepage	0.50
		Restricted permeability	0.50		
Wedowee	40	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Restricted permeability	0.50	Seepage	0.50
5A:					
Atlee	85	Very limited		Very limited	
		Depth to cemented pan	1.00	Depth to cemented pan	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
				Seepage	0.50
6A:					
Augusta	85	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted permeability	0.50	Seepage	0.50
7B:					
Bourne	85	Very limited		Very limited	
		Depth to cemented pan	1.00	Depth to cemented pan	1.00
		Depth to saturated	1.00	Seepage	1.00
		zone		Slope	0.32
7C: Bourne	85	Very limited		Very limited	
Bodino	00	Depth to cemented	1.00	Depth to cemented	1.00
		pan		pan	
		Depth to saturated	1.00	Slope	1.00
		zone Slope	0.04	Seepage	1.00
8C:					
Cecil	85	Very limited		Very limited	
230		Filtering capacity	1.00	Slope	1.00
		Restricted	0.50	Seepage	0.50
		permeability	0.01		
		Slope	0.04		
8D:					



Map Symbol and Soil Name	Pct of	Septic Tank Absorption Fields		Sewage Lagoons	
and con Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
8D:					
Cecil	85	Very limited		Very limited	
		Slope	1.00	Slope	1.00 0.50
		Filtering capacity Restricted permeability	1.00 0.50	Seepage	0.50
9A:					
Chastain	85	Very limited		Very limited	
		Flooding	1.00	Flooding	1.00
		Restricted	1.00	Seepage	1.00
		permeability Depth to saturated zone	1.00	Depth to saturated zone	1.00
Nawney	6	Not Rated		Not Rated	
Johnston	4	Not Rated		Not Rated	
10A:					
Chewacla	85	Very limited		Very limited	
		Flooding	1.00	Flooding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Filtering capacity	1.00	Seepage	1.00
Chastain	6	Not Rated		Not Rated	
Johnston	4	Not Rated		Not Rated	
11B:					
Colfax	85	Very limited		Very limited	
		Depth to cemented pan	1.00	Depth to cemented pan	1.00
		Restricted	0.50	Seepage	0.50
		permeability		Slope	0.32
Worsham	3	Not Rated		Not Rated	
12C:					
Colfax	85	Very limited		Very limited	
		Depth to cemented pan	1.00	Depth to cemented pan	1.00
		Restricted	0.50	Slope	1.00
		permeability Slope	0.04	Seepage	0.50
Worsham	3	Not Rated		Not Rated	
13A:					

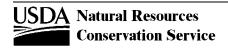


Map Symbol and Soil Name	Pct of	Septic Tank Absorption Fields		Sewage Lagoons	
and don Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
13A: Dogue	85	Very limited Depth to saturated	1.00	Very limited Depth to saturated	1.00
		zone Restricted permeability Flooding	1.00 0.40	zone Seepage Flooding	1.00 0.40
14A:		g			
Dunbar	85	Very limited Depth to saturated zone Restricted permeability	1.00 1.00	Very limited Depth to saturated zone	1.00
Pouncey	3	Not Rated		Not Rated	
15B:					
Durham	45	Very limited Restricted permeability	1.00	Somewhat limited Seepage Slope	0.50 0.32
Bourne	40	Very limited Depth to cemented pan Depth to saturated zone	1.00	Very limited Depth to cemented pan Seepage Slope	1.00 1.00 0.32
16B:				·	
Edgehill	85	Very limited Filtering capacity Restricted permeability	1.00 0.50	Very limited Seepage Slope	1.00 0.32
16C: Edgehill	85	Very limited Filtering capacity Restricted permeability Slope	1.00 0.50 0.04	Very limited Slope Seepage	1.00 1.00
16D:					
Edgehill	85	Very limited Slope Filtering capacity Restricted permeability	1.00 1.00 0.50	Very limited Slope Seepage	1.00 1.00
16E:					



Map Symbol and Soil Name	Pct of	Septic Tank Absorption Fields		Sewage Lagoons	
and con Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
16E: Edgehill	85	Very limited Slope Filtering capacity Restricted permeability	1.00 1.00 0.50	Very limited Slope Seepage	1.00 1.00
17B:					
Faceville	85	Somewhat limited Restricted permeability	0.50	Somewhat limited Seepage Slope	0.50 0.32
17C:					
Faceville	85	Somewhat limited Restricted permeability Slope	0.50 0.04	Very limited Slope Seepage	1.00 0.50
17D:					
Faceville	85	Very limited Slope Restricted permeability	1.00 0.50	Very limited Slope Seepage	1.00 0.50
18B:					
Faceville	50	Somewhat limited Restricted permeability	0.50	Somewhat limited Seepage Slope	0.50 0.32
Gritney	35	Very limited Restricted permeability Depth to saturated zone	1.00 1.00	Very limited Seepage Slope Depth to saturated zone	1.00 0.32 <0.01
18C:					
Faceville	50	Somewhat limited Restricted permeability Slope	0.50 0.04	Very limited Slope Seepage	1.00 0.50
Gritney	35	Very limited Restricted permeability Depth to saturated zone Slope	1.00 1.00 0.04	Very limited Slope Seepage Depth to saturated zone	1.00 1.00 <0.01
19C:					





Map Symbol and Soil Name	Pct of	Septic Tank Absorption Fields		Sewage Lagoons	
a.i.a 33	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
19C: Grover	85	Somewhat limited Restricted permeability Slope	0.50 0.04	Very limited Slope Seepage	1.00 0.50
19D: Grover	85	Very limited Slope Restricted permeability	1.00 0.50	Very limited Slope Seepage	1.00 0.50
19E: Grover	85	Very limited Slope Restricted permeability	1.00 0.50	Very limited Slope Seepage	1.00 0.50
20C: Grover	50	Somewhat limited Restricted permeability Slope	0.50 0.04	Very limited Slope Seepage	1.00 0.50
Wateree	30	Very limited Depth to bedrock Slope	1.00 0.04	Very limited Depth to soft bedrock Seepage Slope	1.00 1.00 1.00
21A: Johnston	85	Very limited Flooding Depth to saturated zone Filtering capacity	1.00 1.00 1.00	Very limited Flooding Seepage Depth to saturated zone	1.00 1.00 1.00
Chastain	5	Not Rated		Not Rated	
Nawney	4	Not Rated		Not Rated	
Tomotley	3	Not Rated		Not Rated	
22B: Kempsville	85	Somewhat limited Restricted permeability	0.50	Very limited Seepage Slope	1.00 0.32
23B: Kempsville	45	Somewhat limited Restricted permeability	0.73	Somewhat limited Seepage Slope	0.50 0.32



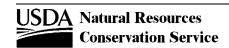
City of Richmond, Virginia

Map Symbol and Soil Name	Pct of	Septic Tank Absorption Fields		Sewage Lagoons	
and Son Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
23B:					
Bourne	40	Very limited Depth to cemented pan	1.00	Very limited Depth to cemented pan	1.00
		Depth to saturated zone	1.00	Seepage Slope	1.00 0.32
24B:					
Masada	85	Somewhat limited Restricted permeability	0.50	Somewhat limited Seepage Slope	0.50 0.32
24C:					
Masada	85	Somewhat limited Restricted permeability	0.50	Very limited Slope	1.00 0.50
		Slope	0.04	Seepage	0.50
25B:					
Masada	85	Somewhat limited Restricted permeability	0.50	Somewhat limited Seepage Slope	0.50 0.32
				Olope	0.02
25C: Masada	85	Somewhat limited		Very limited	
Madada	00	Restricted	0.50	Slope	1.00
		permeability Slope	0.04	Seepage	0.50
26A:					
Nawney	75	Very limited		Very limited	
		Flooding Depth to saturated zone	1.00 1.00	Flooding Depth to saturated zone	1.00 1.00
		Filtering capacity	1.00	Seepage	1.00
Chastain	6	Not Rated		Not Rated	
Johnston	5	Not Rated		Not Rated	
Tomotley	3	Not Rated		Not Rated	
27B:					
Norfolk	85	Somewhat limited Restricted permeability Depth to saturated zone	0.50 0.40	Somewhat limited Seepage Slope	0.50 0.08
200.					

28B:



Map Symbol and Soil Name	Pct of	Septic Tank Absorption Fields		Sewage Lagoons	
	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
28B:	I				<u> </u>
Orangeburg	50	Somewhat limited		Very limited	
		Restricted	0.50	Seepage	1.00
		permeability		Slope	0.32
Faceville	35	Somewhat limited		Somewhat limited	
		Restricted	0.50	Seepage	0.50
		permeability		Slope	0.32
28C:					
Orangeburg	50	Somewhat limited		Very limited	
		Restricted	0.50	Seepage	1.00
		permeability Slope	0.04	Slope	1.00
		Siope	0.04		
Faceville	35	Somewhat limited		Very limited	
		Restricted	0.50	Slope	1.00
		permeability Slope	0.04	Seepage	0.50
		Оюрс	0.04		
29B:					
Pouncey	85	Very limited		Very limited	
		Restricted permeability	1.00	Depth to hard bedrock Depth to saturated	1.00 1.00
		Depth to bedrock	1.00	zone	1.00
		Depth to saturated	1.00	Flooding	0.40
		zone			
Worsham	3	Not Rated		Not Rated	
004					
30A: Riverview	85	Very limited		Very limited	
IXIVEIVIEW	00	Flooding	1.00	Flooding	1.00
		Restricted	0.50	Seepage	1.00
		permeability			
		Depth to saturated zone	0.43		
Chewacla	3	Not Rated		Not Rated	
31A:					
Roanoke	85	Very limited		Very limited	
		Flooding	1.00	Flooding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Filtering capacity	1.00	Seepage	1.00
32A:					



Map Symbol and Soil Name Pct of Map Pct of Map Rating Class and Limiting Features Value Rating Class and Limiting Features	1.00 1.00 1.00
Map Symbol and Soil Name Rating Class and Limiting Features Value Rating Class and Limiting Features	1.00
Rating Class and Limiting Features 32A: Roanoke 40 Very limited Flooding Depth to saturated zone Filtering capacity Flooding Depth to saturated zone Filtering capacity Flooding Depth to saturated zone Filtering capacity Flooding Depth to saturated zone Flooding Depth to saturated zone Restricted Depth to saturated Zone Filtering capacity Restricted Depth to Saturated Zone Filtering capacity Restricted Depth to Seepage Restricted Depth to Saturated Zone Filtering capacity Restricted Depth to Seepage Slope	1.00
Roanoke 40 Very limited Very limited Flooding 1.00 Flooding Depth to saturated 20ne Filtering capacity 1.00 Seepage Chewacla 35 Very limited Very limited Flooding 1.00 Flooding Depth to saturated 20ne Restricted 20ne Filtering capacity 1.00 Seepage Restricted 20ne Filtering capacity 1.00 Seepage Restricted 20ne Filtering capacity 1.00 Seepage Restricted 20.50 Slope	1.00
Flooding Depth to saturated zone Filtering capacity Chewacla 35 Very limited Flooding Depth to saturated zone Filtering capacity 1.00 Seepage Chewacla 35 Very limited Very limited Flooding Depth to saturated zone Restricted Depth to saturated Zone Filtering capacity Restricted Depth to Seepage Restricted Zone Restricted Solope 348:	1.00
Depth to saturated zone Filtering capacity 1.00 Depth to saturated zone Filtering capacity 1.00 Seepage Chewacla 35 Very limited Very limited Flooding 1.00 Flooding Depth to saturated zone Restricted permeability 0.50 Seepage 33B: Slagle 85 Very limited Very limited Very limited Very limited Very limited Depth to saturated zone Restricted permeability 1.00 Depth to saturated zone Restricted permeability Slope 34B: Tetotum 85 Very limited Very limited Very limited Depth to saturated zone Filtering capacity 1.00 Depth to saturated zone Filtering capacity 1.00 Seepage Restricted permeability 1.00 Seepage Restricted 2.050 Slope 35A:	1.00
Zone Filtering capacity 1.00 Seepage Chewacla 35 Very limited Flooding 1.00 Flooding Depth to saturated Zone Restricted permeability 33B: Slagle 85 Very limited Depth to saturated Zone Restricted Permeability 34B: Tetotum 85 Very limited Very limited Very limited Very limited 1.00 Seepage Slope 34B: Tetotum 85 Very limited Depth to saturated Zone Filtering capacity Restricted Zone Filtering capacity Restricted Permeability Restricted Depth to Saturated Zone Slope 35A:	
Chewacla 35 Very limited Flooding Depth to saturated Zone Restricted permeability 33B: Slagle 85 Very limited Depth to saturated Zone Restricted Depth to saturated Zone Filtering capacity Restricted Restricted Restricted Depth to Saturated Zone Filtering capacity Restricted Depth to Solope 35A:	1.00
Flooding Depth to saturated zone Restricted permeability 33B: Slagle 85 Very limited Depth to saturated zone Restricted permeability Very limited Depth to saturated zone Restricted permeability 34B: Tetotum 85 Very limited Seepage Slope 34B: Tetotum 85 Very limited Depth to saturated zone Permeability Slope 35A:	
Depth to saturated zone Restricted permeability 33B: Slagle 85 Very limited Depth to saturated zone Restricted permeability Very limited Very limited Depth to saturated zone Restricted permeability 1.00 Depth to saturated zone Restricted permeability Slope 34B: Tetotum 85 Very limited Very limited Very limited Very limited Depth to saturated zone Filtering capacity Restricted permeability 1.00 Depth to saturated zone Filtering capacity Restricted permeability 1.00 Seepage Slope 35A:	
zone Restricted permeability 33B: Slagle 85 Very limited Depth to saturated zone Restricted permeability 1.00 Depth to saturated zone Restricted permeability 34B: Tetotum 85 Very limited Very limited Seepage Slope 34B: Depth to saturated zone Restricted permeability 1.00 Depth to saturated zone Restricted permeability 35A:	1.00
33B: Slagle 85 Very limited Very limited Depth to saturated zone Restricted permeability 34B: Tetotum 85 Very limited Very limited 1.00 Depth to saturated zone Restricted permeability Slope 85 Very limited Very limited Very limited Very limited Depth to saturated zone Filtering capacity Restricted permeability 35A:	1.00
Slagle 85 Very limited Depth to saturated zone Restricted permeability 34B: Tetotum 85 Very limited 1.00 Depth to saturated zone Restricted permeability Slope 85 Very limited Very limited Very limited Very limited Very limited Depth to saturated zone Filtering capacity Restricted permeability 35A:	0.50
Slagle 85 Very limited Depth to saturated zone Restricted permeability 34B: Tetotum 85 Very limited 1.00 Depth to saturated zone Restricted permeability Slope 85 Very limited Very limited Very limited Very limited Very limited Depth to saturated zone Filtering capacity Restricted permeability 35A:	
Depth to saturated zone Restricted permeability 34B: Tetotum 85 Very limited Depth to saturated zone Filtering capacity Restricted permeability 1.00 Seepage Slope Very limited Very limited Depth to saturated zone Filtering capacity Restricted permeability 35A:	
permeability Slope 34B: Tetotum 85 Very limited Depth to saturated zone Filtering capacity Restricted permeability 35A:	1.00
34B: Tetotum 85 Very limited Depth to saturated zone Filtering capacity Restricted permeability 35A: Very limited Very limited Very limited Very limited 1.00 Depth to saturated zone Following Capacity 0.50 Slope	1.00
Tetotum 85 Very limited Depth to saturated zone Filtering capacity Restricted permeability Very limited Very limited Depth to saturated zone 1.00 Depth to saturated zone Seepage 0.50 Slope	0.32
Depth to saturated zone 1.00 Depth to saturated zone 1.00 Seepage Filtering capacity 1.00 Seepage Restricted 0.50 Slope 35A:	
zone zone Filtering capacity 1.00 Seepage Restricted 0.50 Slope permeability 35A:	
Restricted 0.50 Slope permeability 35A:	1.00
permeability 35A:	1.00
	0.32
Topped OF Manufactured Manufactured	
Toccoa 85 Very limited Very limited	
Flooding 1.00 Flooding	1.00
Depth to saturated 1.00 Seepage	1.00
zone Depth to saturated zone	0.92
36A:	
Tomotley 85 Very limited Very limited	
Depth to saturated 1.00 Depth to saturated zone zone	1.00
Restricted 0.68 Seepage permeability	0.50
37B:	
Turbeville 85 Somewhat limited Somewhat limited	
Restricted 0.50 Seepage permeability Slope	0.50 0.32
37C:	



Sewage Lagoons	
Value	
1.00 0.50	
0.50 0.32	
1.00 0.50	
0.71 0.50	
1.00 1.00 1.00	
1.00 1.00 1.00	



Map Symbol and Soil Name	Pct of	Septic Tank Absorption Fields		Sewage Lagoons	
and con Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
44E:	•				
Wateree	55	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to soft bedrock	1.00
		Slope	1.00	Slope	1.00
				Seepage	1.00
Appling	45	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Filtering capacity	1.00	Seepage	0.50
		Restricted	0.50		
		permeability			
45F:					
Wateree	55	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to soft bedrock	1.00
		Slope	1.00	Slope	1.00
				Seepage	1.00
Appling	35	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Filtering capacity	1.00	Seepage	0.50
		Restricted	0.50		
		permeability			
Rock outcrop	10	Not Rated		Not Rated	
46E:					
Wedowee	85	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Restricted	0.50	Seepage	0.50
		permeability			
47A:					
Worsham	85	Very limited		Very limited	
		Restricted	1.00	Depth to saturated	1.00
		permeability		zone	
		Depth to saturated zone	1.00		
Pouncey	3	Not Rated		Not Rated	
· ,	•	3-1			
W:					
Water	100	Not Rated		Not Rated	